

Notice of Allowability

Application No.

09/750,046

Examiner

Vitali Korobov

Applicant(s)

YOSHIASA, MASAHIRO

Art Unit

2155

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to an RCE filed on 08/01/2006.
2. ☒ The allowed claim(s) is/are 1-3, 5, 8, 10, 11, 13 and 21-23, renumbered as 1-11.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

DETAILED ACTION

1. This Office Action is in response to an RCE filed on 08/01/2006.

Claims 14-16, 18 and 20 have been canceled.

Continued Examination Under 37 CFR 1.114

2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous office action has been withdrawn pursuant to 37 CFR 1.114. The Applicant's submission filed on 07/14/2006 has been entered.

EXAMINER'S AMENDMENT

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

4. Authorization for this Examiner's amendment was given in a telephone interview with the Attorney for the Applicants Phillip J. Articola, Reg. No. 38,819 on October 19, 2006.

5. The application has been amended as follows:

(A) In the Claims:

Art Unit: 2155

1. (Currently Amended) A plurality of gateway servers, each comprising:

a convert section converting first contents into second contents, wherein said first contents is received from a contents server in response to a request of a small terminal that is broadcast by the contents server to the plurality of gateway servers and said second contents corresponds to a one of a plurality of possible display performances of a display section of said small terminal; and

wherein the convert section judges whether said first contents are picture contents, and when said first contents are not picture contents, the convert section does not convert said first contents into said second contents and in that case said gateway server provides said first contents to said small terminal in an unconverted format; and

an output section outputting said second contents to said small terminal, wherein said display performance corresponds to the number of display pixels of said display section of said small terminal so that an image corresponding to the picture contents is sized according to a size of the display section of said small terminal,

wherein said display performance corresponds to the number of display colors of said display section, and

wherein, based on the request of the small terminal as received by each of the plurality of gateway servers, a particular one of the plurality of gateway servers acts on the request based on the one of the plurality of possible display

Art Unit: 2155

performances of the display section of said small terminal that is included as information in the request of the small terminal.

8. (Currently Amended) A contents obtaining system, comprising:
 - a terminal having a display section to display contents;
 - a contents server storing contents; and
 - a plurality of gateway servers, andwherein said terminal outputs a first request for obtaining required contents that is broadcast to said plurality of gateway servers, and
 - wherein one of said gateway servers outputs a second request for obtaining said required contents to said contents server in response to said first request, and
 - wherein said contents server outputs said required contents to said one of said gateway servers in response to said second request, and
 - when said required contents are picture contents, said one of said gateway servers converts said required contents into specific contents, wherein said specific contents correspond to a particular display performance of said display section of said terminal that is included as information in said first request, and
 - wherein said one of said gateway servers outputs said specific contents to said terminal,
 - wherein said one of said gateway servers judges whether said required contents are picture contents, and

Art Unit: 2155

wherein when said required contents is not said picture contents, said one of said gateway servers does not convert said required contents into said specific contents and also does not convert said required contents in any manner, and said one of said gateway servers outputs said required contents instead of said specific contents to said terminal, and

wherein said display performance corresponds to the number of display pixels of said display section of said small terminal so that an image corresponding to the picture contents is sized according to a size of the display section of said small terminal,

wherein the image corresponding to the picture contents is converted in size to fit the size of the display section of said small terminal and is sent to said small terminal as an undivided image, and

wherein, when said required contents are picture contents, another of said gateway servers converts said required contents into said specific contents, wherein said specific contents correspond to another display performance of said display section of said terminal that is different from said particular display performance and that is included as information in said first request.

11. (Currently Amended) A contents obtaining method, comprising:

(a) outputting a first request for obtaining contents from a terminal that is broadcast to a plurality of gateway servers;

(b) outputting a second request for obtaining said contents from one of said plurality of gateway ~~server~~ servers to a contents server in response to a said first request, said one of said plurality of gateway servers outputting the second

Art Unit: 2155

request based on a particular display performance information of said terminal that is included in said first request, said terminal being capable displaying information in any one a plurality of different display performances;

(c) outputting said contents from said contents server to said one of said plurality of gateway servers in response to said second request;

(d) converting said contents into specific contents in said one of said plurality of gateway servers, wherein said specific contents corresponds to display performance of a display section of said terminal; and

(e) outputting said specific contents to said terminal from said one of said plurality of gateway servers; and

(f) determining whether said contents are picture contents, wherein when the contents are not determined as picture contents in step (f), step (d) is not performed and step (e) includes outputting said contents, instead of said specific contents, in an unconverted format, to said terminal from the said one of said plurality of gateway servers; and

(g) wherein, when the contents are determined as picture contents, displaying said picture contents on the display section of said terminal based on the display performance that includes the number of display pixels of said display section of said small terminal and color/non-color information of said display section of said small terminal, so that an image corresponding to the picture contents is sized according to a size of the display section of said small terminal,

Art Unit: 2155

wherein the image corresponding to the picture contents is converted in size to fit the size of the display section of said small terminal and is sent to said small terminal as an undivided image.

REASONS FOR ALLOWANCE

6. Claims 1-3, 5, 8, 10, 11, 13 and 21-23, renumbered as 1-11 are allowable over the prior art of record.

7. This communication warrants no Examiner's reason for allowance, as the Applicants' reply makes evident the reason for allowance, satisfying the record as whole as required by rule 37 CFR 1.104 (e). In this case, the substance of Applicants' remarks in the Amendment filed on 14 July 2006 with respect to the amended claim limitations and further amended claim limitations in the foregoing Examiner's amendment, point out the reason claims are patentable over the prior art of record. Thus, the reason for allowance is in all probability evident from the record and no statement for examiner's reason for allowance is necessary (see MPEP 13202.14).

8. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

CONTACT INFORMATION

Art Unit: 2155

9. Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Vitali Korobov whose telephone number is 571-272-7506. The examiner can normally be reached on Mon-Friday 8a.m. - 4:30p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saleh Najjar can be reached on (571)272-4006. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Vitali Korobov
Examiner
Art Unit 2155

VAK
10/20/2006



SALEH NAJJAR
SUPERVISORY PATENT EXAMINER